Lesson Plan

Teacher:	Class/Group:	Date:

KNPIG ID #: Z 9901.1 (Exploring Measurement)	Task Group Name: Exploring Measurement	
AVMR Strand:	AVMR Construct Level/Color: Red	

Fluency Benchmark for RTI:
9 Other

KCAS(s): **1)** 1.MD.2 Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. Limit to contexts where the object being measured is spanned by a whole number of length units with no gaps or overlaps. **2)** 1.MD.1 Order three objects by length; compare the lengths of two objects indirectly by using a third object.	**KCAS Domain and Cluster:** Measurement and Data **1)** Measure lengths indirectly and by iterating length units.

Learning Target: I can measure and compare length using different units.

Setting/Materials:
15-20 different lengths of yarn or string, each labeled with a different letter on an attached small piece of making tape, measuring strips, unifix cubes, square tiles, or plastic links; recording sheets, tape (optional)

Activity:
1.Remove the yarn, measuring strips, and 1 recording sheet from the envelope. 2.Choose 1 piece of yarn that you would like to measure. 3.Choose 3 measuring strips that you would like to use to measure your yarn and choose 1 bag of either cubes, tiles, or links. 4.Place your yarn in front of you. You may want to tape the ends to your desk to keep it still and straight. 5.Before doing any measuring, make a prediction of how many units it will take from each measurement strip and bag of materials you chose to cover your yarn from end to end and record your predictions on your recording sheet. 6.Check your predictions by measuring your yarn with each of the measuring tools you chose and record on your answer sheet. 7.If you have time, choose a different piece of yarn and measurement tools and repeat.

Evidence of Learning (Diagnostic Assessment of Progress):
Place a piece of yarn on the table and ask the student to tell how many linking cubes would be required to cover the yarn. Then, ask the student to do the measuring.

Teacher Notes:

Printables Link:
http://knp.kentuckymathematics.org/knp/uploads/printables_9901.1Z.pdf

Student Instructions Link: